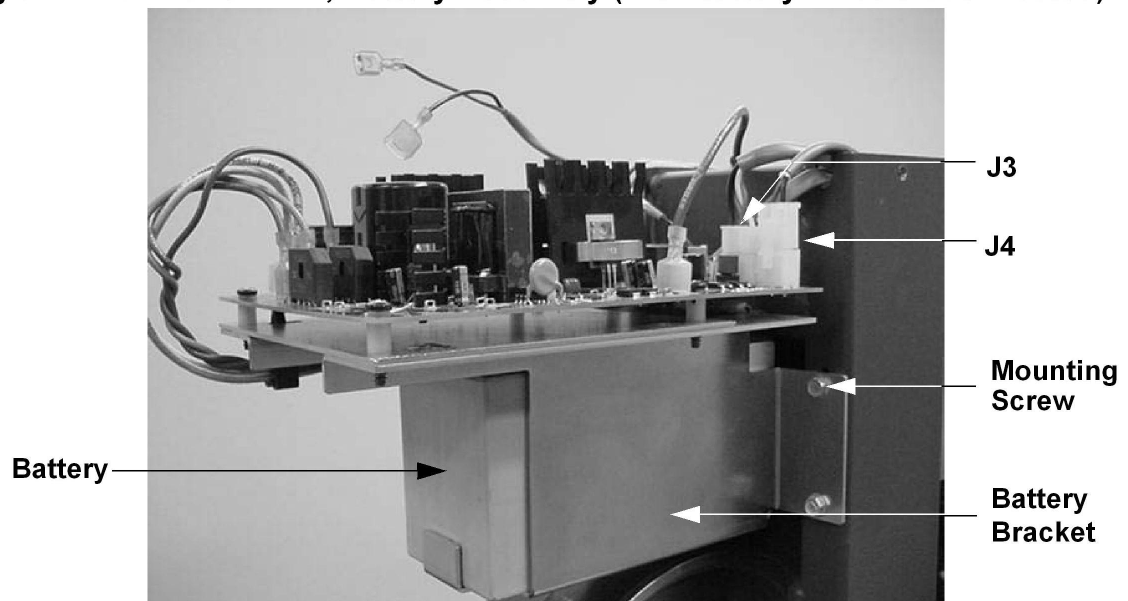


Procedure 7.19 - Replacing a Battery

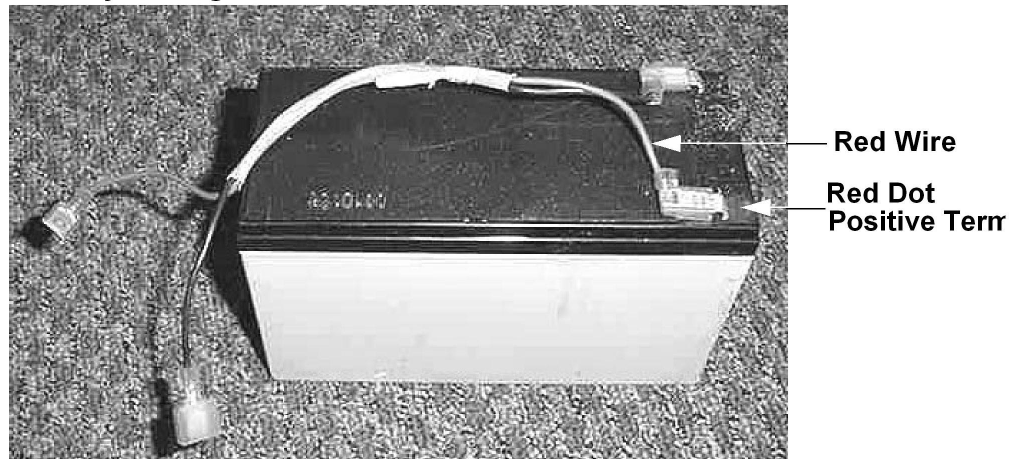
1. Remove the rear cover
2. Disconnect the red battery lead from terminal M6 of the lower PCA and the black battery lead from M7 of the lower PCA and the green/yellow frame ground lead from M8 of the lower PCA. See Diagram 7.15.

Diagram 7.15 - Lower PCA, Battery Assembly (with battery wires disconnected)



3. Disconnect the J3 and J4 connectors from the lower PCA.
4. While supporting the lower PCA and battery assembly remove the four screws that fasten the battery bracket to the frame upright.
5. Swing the lower PCA and battery assembly away from the frame upright and slide the battery out of the battery bracket.
6. Remove the red and black wires from the battery and connect them to the replacement battery as follows: the red wire to the positive (+) battery terminal and the black wire to the negative (-) terminal. **Note:** There is a red dot next to the positive terminal of the battery. See Diagram 7.16.

Diagram 7.16 - Battery Wiring



7. Slide the replacement battery into the battery bracket with the battery terminals nearest to the open end of the battery bracket.
8. Fasten the lower PCA and battery assembly to the frame upright with the screws removed in step 4.
9. Reconnect the J3 and J4 connectors to the lower PCA.
10. Reconnect the green/yellow frame ground wire to terminal M8 of the lower PCA. Reconnect the black battery lead to terminal M7 of the lower PCA. Reconnect the red battery lead to terminal M6 of the lower PCA.
11. Replace the rear cover.
12. Check the operation of the EFX as described in Section Four.